



Nitonakrętki/nitotrzpienie

Nitonakrętki i nitotrzpienie Masterfix

Asortyment nitonakrętek Mastergrip i nitotrzpieni Masterbolt obejmuje ponad 20 wysoce wyspecjalizowanych różnorodnych serii.

W stałej ofercie posiadamy:

Rozmiary : M3 - M12
Stopy : aluminium, stal, stal nierdzewna (A2), neopren
Typy kołnierza : cylindryczny, wpuszczany, mini wpuszczany
Typy tulei : cylindryczna, sześciokątna, otwarta, zamknięta

Stalowe nitonakrętki Mastergrip mają radełkowane tuleje, zapewniające wysoką odporność przy zastosowaniu w miękkich materiałach. Średnica nitonakrętek jest dostosowana do standardowych rozmiarów wiertel.

Nitotrzpienie Masterbolt zapewniają zewnętrzne połączenie za pomocą trzpienia i są dostępne w 4 różnych rozmiarach trzpienia, w 4 różnych długościach. **Wszystkie nitotrzpienie Masterbolt mają klasę wytrzymałości 8.8.**

Zalety:

Jednostronnie zamykane nitonakrętki i nitotrzpienie mogą być mocowane w cienkich materiałach lub profilach

Są lepsze ze względu na mocne spęczanie i na bardzo długi gwint

W porównaniu ze standardowymi nakrętkami

Nitonakrętki i nitotrzpienie mogą być mocowane z jednej strony co ułatwia pracę w przypadku, gdy spód i środek mocowanego materiału są niedostępne

Nitonakrętki i nitotrzpienie nie odkształcają oraz nie odbarwiają łączonych materiałów

Zastosowanie:

Przemysł motoryzacyjny

Przemysł stoczniowy

Meble

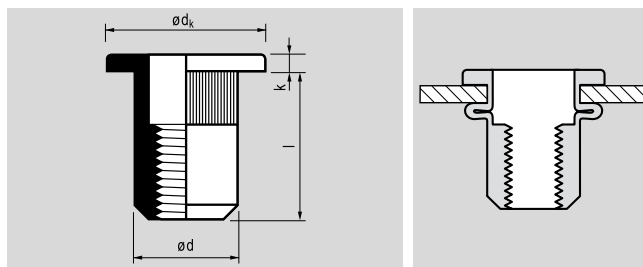
Ogrzewanie i klimatyzacja

Zawiasy

Obramowania okienne

Informacja

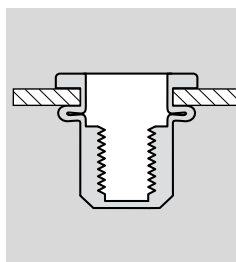
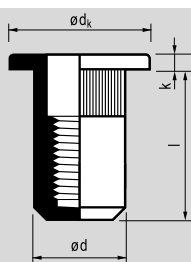
Stal
O cynk











MASTERGRIP | otwarte | kołnierz cylindryczny

$\varnothing d$ [mm]	l [+0,6/-0,1] [mm]	 [mm]	Indeks nr	$\varnothing d_k$ [mm]	k [mm]	$\varnothing d$ [+0/-0,12] [mm]	 [Nm]	 [N]	 [N]
M3 $\varnothing 5,0$	10,0	0,5-3,0	23M03CO30	7,0 [+0/-0,5]	$\leq 0,9$	4,9	3,0	4.900	990
M4 $\varnothing 6,0$	10,0 11,5	0,3-3,0 3,1-4,0	23M04CO30 CO40	9,0 [+0/-0,5] 9,0 [+0/-0,5]	$\leq 1,1$ $\leq 1,1$	5,9 5,9	4,5 4,5	7.840 7.840	1.660 1.660
M5 $\varnothing 7,0$	12,0 15,0	0,3-3,0 3,1-4,0	23M05CO30 CO40	10,0 [+0/-0,5] 10,0 [+0/-0,5]	$\leq 1,1$ $\leq 1,1$	6,9 6,9	6,0 6,0	11.070 11.070	2.760 2.760
M6 $\varnothing 9,0$	14,5 16,0	0,5-3,0 3,1-4,5	23M06CO30 CO45	12,0 [+0/-0,5] 12,0 [+0/-0,5]	$\leq 1,6$ $\leq 1,6$	8,9 8,9	20,0 20,0	17.640 17.640	3.430 3.430
M8 $\varnothing 11,0$	16,0 18,5	0,5-3,0 3,1-5,5	23M08CO30 CO55	15,0 [+0/-0,5] 15,0 [+0/-0,5]	$\leq 1,6$ $\leq 1,6$	10,9 10,9	29,0 29,0	27.440 27.440	4.410 4.410
M10 $\varnothing 12,0$	17,0 22,0	0,5-3,0 3,0-6,0	23M10CO30 CO60	16,0 [+0/-0,5] 16,0 [+0/-0,5]	$\leq 2,1$ $\leq 2,1$	11,9 11,9	32,0 32,0	28.420 28.420	4.900 4.900
M12 $\varnothing 16,0$	23,0	1,0-4,0	23M12CO40	22,0 [+0/-0,5]	$\leq 2,1$	15,9	43,7	48.020	6.860

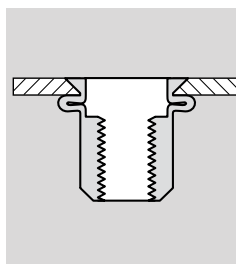
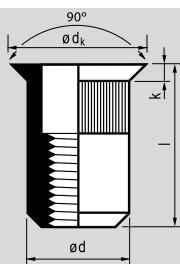
Stal
O cynk












MASTERGRIP I zamknięte I kołnierz cylindryczny

$\varnothing d$ [mm]	l [+0,1/-0,6] [mm]	 [mm]	Indeks nr	$\varnothing d_k$ [mm]	k [mm]	$\varnothing d$ [+0/-0,12] [mm]	 [Nm]	 [N]	 [N]
M4  $\varnothing 6,0$	15,5	0,3-3,0	23M04CG30	9,0 [+0/-0,5]	$\leq 1,1$	5,9	4,5	7.840	1.660
M5  $\varnothing 7,0$	18,0	0,3-3,0	23M05CG30	10,0 [+0/-0,5]	$\leq 1,1$	6,9	6,0	11.074	2.760
M6  $\varnothing 9,0$	20,5	0,5-3,0	23M06CG30	12,0 [+0/-0,5]	$\leq 1,6$	8,9	20,0	17.640	3.430
M8  $\varnothing 11,0$	25,0	0,5-3,0	23M08CG30	15,0 [+0/-0,5]	$\leq 1,6$	10,9	29,0	27.440	4.410

Stal
O cynk

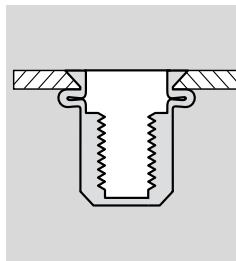
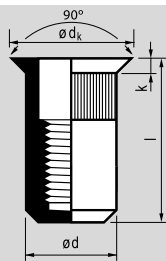


MASTERGRIP I otwarte I kołnierz wpuszczany









$\varnothing d$ [mm]	L [+0,5/-0] [mm]	 [mm]	Indeks nr	$\varnothing d_k$ [mm]	k [mm]	$\varnothing d$ [+0/-0,12] [mm]	 [Nm]	 [N]	 [N]
M4  $\varnothing 6,0$	11,5	2,0-3,5	23M04V035	9,0 [+0,3/-0,7]	$\leq 1,7$	5,9	4,0	7.860	2.210
M5  $\varnothing 7,0$	13,5	2,0-4,0	23M05V040	10,0 [+0,3/-0,7]	$\leq 1,7$	6,9	5,0	10.780	2.320
M6  $\varnothing 9,0$	16,0	2,0-4,5	23M06V045	12,0 [+0,3/-0,7]	$\leq 1,7$	8,9	16,0	16.660	3.660
M8  $\varnothing 11,0$	19,0	2,0-4,5	23M08V045	14,0 [+0,3/-0,7]	$\leq 1,7$	10,9	18,0	30.840	4.720
M10  $\varnothing 12,0$	21,0	2,0-4,5	23M10V045	14,7 [+0/-0,4]	$\leq 1,7$	11,9	28,0	34.300	5.050

MFX 23-VG

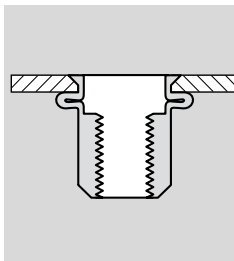
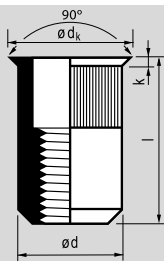
Stal
O cynk



MASTERGRIP I zamknięte I kołnierz wpuszczany

$\varnothing d$ [mm]	L [+0,5/-0] [mm]	 [mm]	Indeks nr	$\varnothing d_k$ [mm]	k [mm]	$\varnothing d$ [+0/-0,12] [mm]	 [Nm]	 [N]	 [N]
M4  $\varnothing 6,0$	17,5	2,0-3,5	23M04VG35	9,0 [+0,3/-0,7]	$\leq 1,7$	5,9	4,0	7.860	2.210
M5  $\varnothing 7,0$	20,5	2,0-4,0	23M05VG40	10,0 [+0,3/-0,7]	$\leq 1,7$	6,9	5,0	10.780	2.320
M6  $\varnothing 9,0$	23,5	2,0-4,5	23M06VG45	12,0 [+0,3/-0,7]	$\leq 1,7$	8,9	16,0	16.660	3.660
M8  $\varnothing 11,0$	28,0	2,0-4,5	23M08VG45	14,0 [+0,3/-0,7]	$\leq 1,7$	10,9	18,0	30.840	4.720

Stal
O cynk

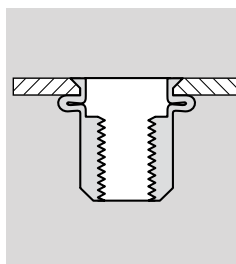
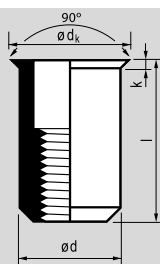


MASTERGRIP I otwarte | kołnierz wpuszczany mini

$\varnothing d$ [mm]	L [+0,5/-0] [mm]	 [mm]	Indeks nr	$\varnothing d_k$ [mm]	k [mm]	$\varnothing d$ [+0/-0,12] [mm]	 [Nm]	 [N]	 [N]
M4 $\varnothing 6,0$	10,0	0,5-3,0	27M04V030	7,0 [+0/-0,5]	$\leq 0,7$	5,9	4,0	6.470	1.620
M5 $\varnothing 7,0$	11,5	0,5-3,0	27M05V030	8,0 [+0/-0,5]	$\leq 0,7$	6,9	5,0	9.090	2.190
M6 $\varnothing 9,0$	14,0	0,5-3,0	27M06V030	10,0 [+0/-0,5]	$\leq 0,7$	8,9	15,0	16.660	2.350
M8 $\varnothing 11,0$	15,5	0,5-3,0	27M08V030	12,0 [+0/-0,3]	$\leq 0,7$	10,9	18,0	21.610	2.840
M10 $\varnothing 12,0$	20,0	0,8-3,5	27M10V035	13,5 [+0/-0,5]	$\leq 0,9$	11,9	30,0	31.750	4.260

MFX 26-KVO

Stal
Ocynk

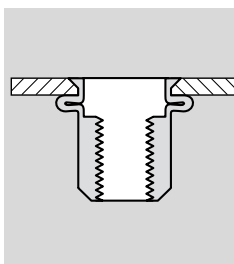
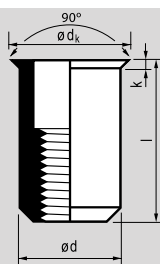


otwarte I kołnierz wpuszczany mini

$\varnothing d$	l [+0,5/-0]		Indeks nr	$\varnothing d_k$	k	$\varnothing d$ [+0,03/-0,10]			
[mm]	[mm]	[mm]		[mm]	[mm]	[mm]	[Nm]	[N]	[N]
M3 $\varnothing 4,8$	9,0	0,5-1,5	26M03KVO15	5,4 [+0/-0,3]	$\leq 0,6$	4,7	1,5	2.690	980
M4 $\varnothing 6,4$	10,4	0,5-2,0	26M04KVO20	6,9 [+0/-0,3]	$\leq 0,6$	6,3	5,0	6.800	1.080
M5 $\varnothing 7,2$	11,8	0,5-3,0	26M05KVO30	7,7 [+0/-0,3]	$\leq 0,6$	7,1	8,0	8.000	1.470
M6 $\varnothing 9,6$	14,6	0,7-3,3	26M06KVO33	10,5 [+0/-0,3]	$\leq 0,8$	9,5	12,5	11.400	1.960
M8 $\varnothing 10,6$	16,0	0,9-3,7	26M08KVO37	11,5 [+0/-0,3]	$\leq 0,8$	10,6	16,5	15.700	2.940
M10 $\varnothing 14,2$	18,5	1,0-3,6	26M10KVO36	15,3 [+0/-0,3]	$\leq 0,8$	14,2	34,0	18.700	3.920

MFX 2C6-V0

Stal
O cynk

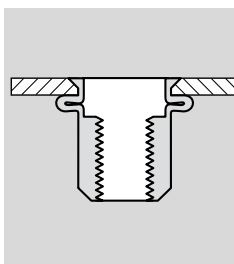
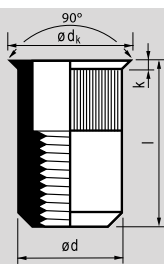


otwarte I kołnierz wpuszczany mini

$\varnothing d$	l		Indeks nr	$\varnothing d_k$	k	$\varnothing d$			
[mm]	[mm]	[mm]		[mm]	[mm]	[mm]	[Nm]	[N]	[N]
M4	10,5	0,5-3,0	2C6M04V030	8,0	$\leq 0,5$	7,0	-	-	-
 $\varnothing 7,0$									
M5	11,5	0,5-3,0	2C6M05V030	8,0	$\leq 0,5$	7,0	-	-	-
 $\varnothing 7,0$									
M6	13,0	0,5-3,0	2C6M06V030	9,0	$\leq 0,5$	8,0	-	-	-
 $\varnothing 8,0$									
M8	15,5	0,5-3,0	2C6M08V030	11,0	$\leq 0,5$	9,9	-	-	-
 $\varnothing 10,0$									

MFX 2C7-V0

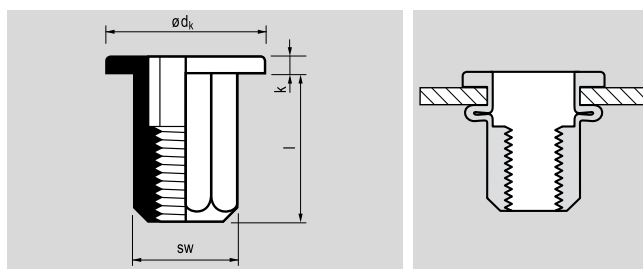
Stal
O cynk












otwarte I kołnierz wpuszczany mini

$\varnothing d$	l		Indeks nr	$\varnothing d_k$	k	$\varnothing d$			
[mm]	[mm]	[mm]		[mm]	[mm]	[mm]	[Nm]	[N]	[N]
M4	10,5	0,5-3,0	2C7M04V030	8,0	$\leq 0,5$	7,0	-	-	-
 $\varnothing 7,0$									
M5	11,5	0,5-3,0	2C7M05V030	8,0	$\leq 0,5$	7,0	-	-	-
 $\varnothing 7,0$									
M6	13,0	0,5-3,0	2C7M06V030	9,0	$\leq 0,5$	8,0	-	-	-
 $\varnothing 8,0$									
M8	15,5	0,5-3,0	2C7M08V030	11,0	$\leq 0,5$	9,9	-	-	-
 $\varnothing 10,0$									

Stal
O cynk

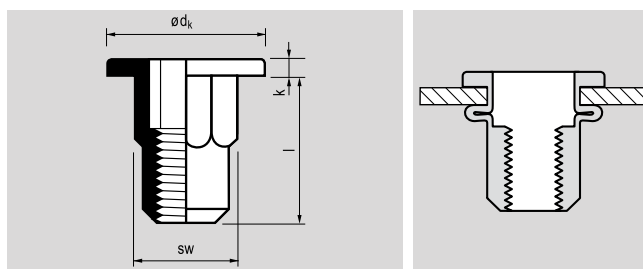


MASTERGRIP I otwarte I kołnierz cylindryczny I sześciokątne

$\varnothing d$	l [+/- 0,4]		Indeks nr	$\varnothing d_k$	k	SW [+0/-0,2]			
[mm]	[mm]	[mm]		[mm]	[mm]	[mm]	[Nm]	[N]	[N]
M4  SW1 6,1	11,5	0,5-3,0	23H04C030	9,3 [+/-0,3]	$\leq 1,1$	6,0	8,0	6.270	2.330
M5  SW1 7,1	13,5	0,5-3,0	23H05C030	10,3 [+/-0,3]	$\leq 1,1$	7,0	12,0	10.780	3.610
M6  SW1 9,1	15,5	0,5-3,0	23H06C030	12,3 [+/-0,2]	$\leq 1,7$	9,0	20,5	17.640	4.220
M8  SW1 11,1	17,5	0,5-3,0	23H08C030	14,3 [+/-0,2]	$\leq 1,7$	11,0	26,5	27.440	4.900
M10  SW1 13,1	22,0	1,0-4,0	23H10C040	16,3 [+/-0,2]	$\leq 2,2$	13,0	40,0	29.400	5.880

MFX 2CO-HTCO

Stal
O cynk

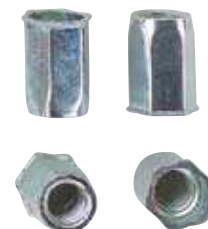
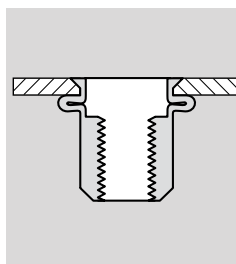
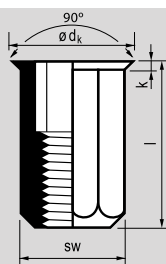


otwarte | kołnierz cylindryczny | sześciokątne

$\varnothing d$	l		Indeks nr	$\varnothing d_k$	k	SW			
[mm]	[mm]	[mm]		[mm]	[mm]	[mm]	[Nm]	[N]	[N]
M4	10,5	0,3-2,0	2COHT04CO20	9,0	$\leq 0,8$	5,9	3,0	6.800	2.200
 SW1 6,0									
M5	13,0	0,7-3,0	2COHT05CO30	10,0	$\leq 1,0$	6,9	6,0	10.000	3.300
 SW1 7,0									
M6	16,0	0,5-3,0	2COHT06CO30	13,0	$\leq 1,5$	8,9	10,0	15.000	4.400
 SW1 9,0									
M8	17,0	0,5-3,5	2COHT08CO30	16,0	$\leq 1,5$	10,9	24,0	27.000	5.200
 SW1 11,0									

MFX 23-HKVO

Stal
O cynk

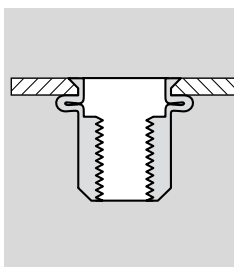
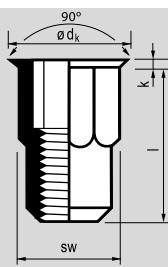


MASTERGRIP I otwarte I kołnierz wpuszczany mini I sześciokątne










$\varnothing d$	l [+0,5/-0]		Item nr.	$\varnothing d_k$	k	SW [+0/-0,2]			
[mm]	[mm]	[mm]		[mm]	[mm]	[mm]	[Nm]	[N]	[N]
M4	12,0	0,5-2,5	23H04KVO25	7,0 [+0/-0,5]	$\leq 1,0$	6,0	5,0	3.530	1.470
 SW1 6,1									
M5	14,0	0,5-2,5	23H05KVO25	8,0 [+0/-0,2]	$\leq 1,0$	7,0	7,0	4.900	1.760
 SW1 7,1									
M6	16,0	0,5-2,5	23H06KVO25	10,0 [+0/-0,2]	$\leq 1,0$	9,0	14,0	14.700	2.940
 SW1 9,1									
M8	18,0	0,5-2,5	23H08KVO25	12,0 [+0/-0,2]	$\leq 1,0$	11,0	21,0	21.560	3.020
 SW1 11,1									
M10	22,0	0,5-4,0	23H10KVO40	14,0 [+0/-0,5]	$\leq 1,0$	13,0	35,0	29.400	3.430
 SW1 13,1									

MFX 23-HTKV0

Stal
O cynk

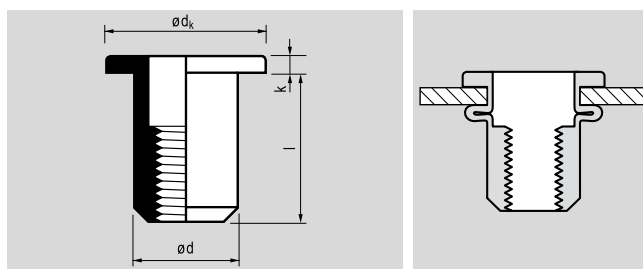


MASTERGRIP I otwarte I kołnierz wpuszczany mini I sześciokątne










$\varnothing d$	l [+0,5/-0]		Indeks nr	$\varnothing d_k$	k	SW [+0/-0,2]			
[mm]	[mm]	[mm]		[mm]	[mm]	[mm]	[Nm]	[N]	[N]
M4	11,0	1,5-2,5	23HT04KV025	7,0 [+0,4/-0]	$\leq 0,8$	6,0	5,0	3.530	1.470
 SW1 6,1									
M5	12,0	1,5-2,5	23HT05KV025	8,0 [+0,4/-0]	$\leq 0,8$	7,0	7,0	4.900	1.760
 SW1 7,1									
M6	14,0	1,0-2,5	23HT06KV025	10,0 [+0,4/-0]	$\leq 0,8$	9,0	14,0	14.700	2.940
 SW1 9,1									
M8	15,5	1,0-2,5	23HT08KV025	12,0 [+0,5/-0]	$\leq 0,8$	11,0	21,0	21.560	3.020
 SW1 11,1									
M10	18,0	1,0-2,5	23HT10KV025	14,0 [+0,5/-0]	$\leq 0,8$	13,0	35,0	29.400	3.430
 SW1 13,1									

MFX 24-CO

Stal nierdzewna [A2]
Polerowany

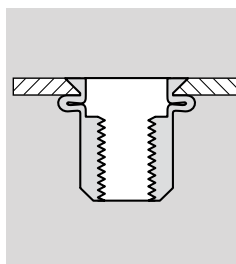
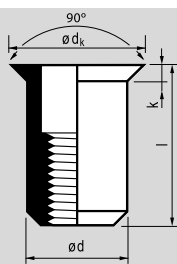


MASTERGRIP I otwarte I kołnierz cylindryczny

$\varnothing d$	l		Indeks nr	$\varnothing d_k$	k	$\varnothing d$ [+0/-0,2]			
[mm]	[mm]	[mm]		[mm]	[mm]	[mm]	[Nm]	[N]	[N]
M4	10,0 [+0/-1,3]	0,3-2,5	24M04C025	9,0 [+0/-0,5]	$\leq 1,1$	5,9	7,0	6.860	2.640
 $\varnothing 6,0$	11,5 [+0/-1,3]	2,5-4,0	C040	9,0 [+0/-0,5]	$\leq 1,1$	5,9	7,0	6.860	2.640
M5	12,0 [+0/-1,3]	0,3-3,0	24M05C030	10,0 [+0/-0,5]	$\leq 1,1$	6,9	10,0	11.760	2.940
 $\varnothing 7,0$	13,5 [+0/-1,3]	3,1-4,0	C040	10,0 [+0/-0,5]	$\leq 1,1$	6,9	12,0	11.760	3.920
M6	14,5 [+0/-1,8]	0,5-3,0	24M06C030	12,0 [+0/-0,5]	$\leq 1,6$	8,9	20,0	18.620	4.900
 $\varnothing 9,0$	16,0 [+0/-1,8]	3,1-4,5	C045	12,0 [+0/-0,5]	$\leq 1,6$	8,9	22,0	20.580	5.630
M8	16,0 [+0/-1,8]	0,5-3,0	24M08C030	15,0 [+0/-0,5]	$\leq 1,6$	10,9	28,0	24.500	6.860
 $\varnothing 11,0$	18,5 [+0/-1,8]	3,1-5,5	C055	15,0 [+0/-0,5]	$\leq 1,6$	10,9	29,0	26.460	6.860
M10	17,0 [+0/-2,3]	0,5-3,0	24M10C030	16,0 [+0/-0,5]	$\leq 2,1$	12,9	38,0	29.400	7.840
 $\varnothing 13,0$	20,0 [+0/-2,3]	3,1-5,5	C055	16,0 [+0/-0,5]	$\leq 2,1$	12,9	39,0	35.280	7.840

MFX 24-V0

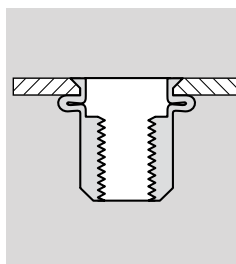
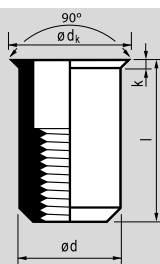
Stal nierdzewna [A2]
Polerowany



MASTERGRIP I otwarte | kołnierz wpuszczany

$\varnothing d$ [mm]	l [+0,5/-0] [mm]	 [mm]	Indeks nr	$\varnothing d_k$ [mm]	k [mm]	$\varnothing d$ [+0/-0,12] [mm]	 [Nm]	 [N]	 [N]
M4 $\varnothing 6,0$	11,5	2,0-3,5	24M04V035	9,0 [+0/-0,5]	$\leq 1,8$	5,9	9,0	10.130	3.720
M5 $\varnothing 7,0$	13,5	2,0-4,0	24M05V040	10,0 [+1/-1,5]	$\leq 1,8$	6,9	10,5	12.250	4.020
M6 $\varnothing 9,0$	16,0	2,0-4,5	24M06V045	12,0 [+1/-1,5]	$\leq 1,8$	8,9	21,0	20.580	5.560
M8 $\varnothing 11,0$	19,0	2,0-4,5	24M08V045	14,0 [+1/-1,5]	$\leq 1,8$	10,9	31,0	28.070	7.640
M10 $\varnothing 13,0$	21,0	2,0-4,5	24M10V045	16,0 [+3/-3,5]	$\leq 1,8$	12,9	32,0	32.790	8.110

Stal nierdzewna [A2]
Polerowany

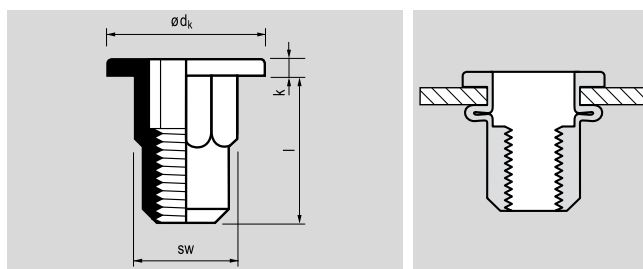


MASTERGRIP I otwarte I kołnierz wpuszczany mini

Ø d [mm]	l [+0,5/-0] [mm]	 [mm]	Indeks nr	Ø dk [mm]	k [mm]	Ø d [+0/-0,12] [mm]	 [Nm]	 [N]	 [N]
M4 Ø 6,0	10,0	0,5-2,5	24M04KVO25	7,0 [+0/-0,5]	≤0,9	5,9	9,0	6.860	2.940
M5 Ø 7,0	11,5	0,5-3,0	24M05KVO30	8,0 [+0/-0,5]	≤0,9	6,9	10,5	11.760	4.030
M6 Ø 9,0	14,0	0,5-3,0	24M06KVO30	10,0 [+0/-0,5]	≤0,9	8,9	21,0	18.620	5.230
M8 Ø 11,0	15,5	0,5-3,0	24M08KVO30	12,0 [+0/-0,5]	≤0,9	10,9	31,0	25.480	5.400
M10 Ø 13,0	19,5	0,8-3,5	24M10KVO35	14,5 [+0/-0,5]	≤1,1	12,9	32,0	33.320	5.880

MFX 24-HCO

Stal nierdzewna [A2]
Polerowany

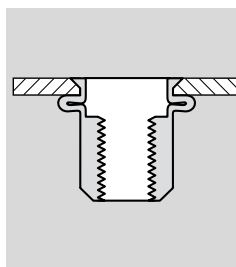
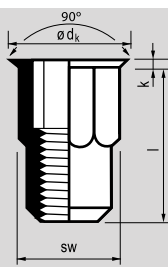


MASTERGRIP I otwarte I kołnierz cylindryczny

$\varnothing d$	l		Indeks nr	$\varnothing d_k$	k	SW [+0/-0,12]			
[mm]	[mm]	[mm]		[mm]	[mm]	[mm]	[Nm]	[N]	[N]
M4 SW1 6,1	11,5 [+0/-1,3]	0,5-2,5	24H04C025	9,3 [+0,2/-0,3]	$\leq 1,1$	6,0	12,0	10.190	2.680
M5 SW1 7,1	13,5 [+0/-1,3]	0,5-3,0	24H05C030	10,3 [+0,2/-0,3]	$\leq 1,1$	7,0	14,0	12.740	3.430
M6 SW1 9,1	15,5 [+0/-1,8]	0,5-3,0	24H06C030	12,3 [+0,2/-0,3]	$\leq 1,6$	9,0	26,0	19.600	4.700
M8 SW1 11,1	17,5 [+0/-1,8]	0,5-3,0	24H08C030	14,3 [+0,5/-0,1]	$\leq 1,6$	11,0	39,0	37.240	6.860
M10 SW1 13,1	22,0 [+0/-2,3]	1,0-4,0	24H10C040	16,3 [+0,2/-0,3]	$\leq 2,1$	13,0	45,0	63.700	6.820

MFX 24-HKVO

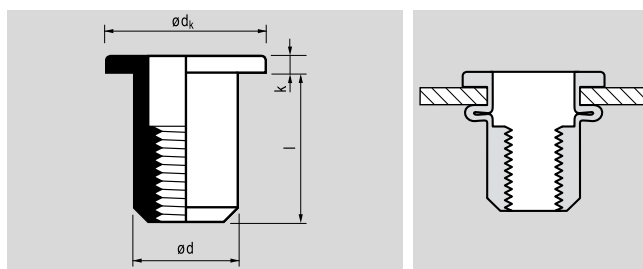
Stal nierdzewna [A2]
Polerowany



MASTERGRIP I otwarte I kołnierz wpuszczany mini I sześciokątne

Ø d	l [+0,5/-0]		Indeks nr	Ø dk	k	SW [+0/-0,2]			
[mm]	[mm]	[mm]		[mm]	[mm]	[mm]	[Nm]	[N]	[N]
M4 SW1 6,1	12,0	0,5-2,5	24H04KVO25	6,5 [+0/-0]	≤0,9	6,0	12,0	8.240	2.950
M5 SW1 7,1	14,0	0,5-3,0	24H05KVO30	7,5 [+0/-0]	≤0,9	7,0	11,0	11.760	2.840
M6 SW1 9,1	16,0	0,5-3,0	24H06KVO30	9,5 [+0/-0]	≤0,9	9,0	21,0	21.560	3.820
M8 SW1 11,1	17,0	0,5-3,0	24H08KVO30	11,5 [+0,5/-0]	≤0,9	11,0	30,0	24.500	3.920
M10 SW1 13,1	20,5	1,0-4,0	24H10KVO40	13,5 [+0,5/-0]	≤1,1	13,0	40,0	47.040	5.010

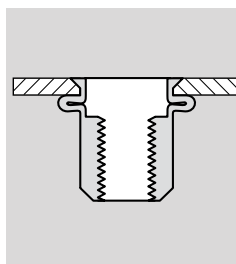
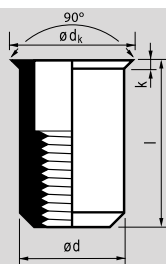
Aluminium [AlMg 5]
Polerowany



otwarte | kołnierz cylindryczny | sześciokątne

$\varnothing d$	l [+0,1/-0,6]		Indeks nr	$\varnothing d_k$	k	$\varnothing d$ [+0/-0,14]			
[mm]	[mm]	[mm]		[mm]	[mm]	[mm]	[Nm]	[N]	[N]
M4	10,2	0,5-1,5	22M04CO15	9,3 [+0,2/-0,3]	$\leq 0,9$	6,0	4,0	2.840	1.070
	11,2	1,5-2,5	CO25	9,3 [+0,2/-0,3]	$\leq 0,9$	6,0	4,0	2.840	1.070
$\varnothing 6,1$	12,2	2,5-3,5	CO35	9,3 [+0,2/-0,3]	$\leq 0,9$	6,0	4,0	2.840	1.070
M5	11,0	0,5-1,5	22M05CO15	10,3 [+0,2/-0,3]	$\leq 1,1$	7,0	5,0	4.900	1.170
	12,0	1,5-2,5	CO25	10,3 [+0,2/-0,3]	$\leq 1,1$	7,0	5,0	4.900	1.170
$\varnothing 7,1$	13,0	2,5-3,5	CO35	10,3 [+0,2/-0,3]	$\leq 1,1$	7,0	5,0	4.900	1.170
M6	14,0	1,0-2,5	22M06CO25	12,3 [+0,2/-0,3]	$\leq 1,6$	9,0	11,3	9.280	2.280
	15,5	2,5-4,0	CO40	12,3 [+0,2/-0,3]	$\leq 1,6$	9,0	11,3	9.280	2.280
$\varnothing 9,1$									
M8	15,5	1,0-2,5	22M08CO25	14,3 [+0,2/-0,3]	$\leq 1,6$	11,0	14,5	14.680	2.450
	17,0	2,5-4,0	CO40	14,3 [+0,2/-0,3]	$\leq 1,6$	11,0	14,5	14.680	2.450
$\varnothing 11,1$									
M10	16,0	1,0-2,5	22M10CO25	16,3 [+0,2/-0,3]	$\leq 1,6$	13,0	20,0	21.480	3.820
	17,5	2,5-4,0	CO40	16,3 [+0,2/-0,3]	$\leq 1,6$	13,0	20,0	21.480	3.820
$\varnothing 13,1$									

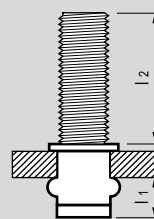
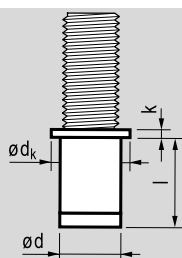
Aluminium [AlMg 5]
Polerowany



otwarte | kołnierz wpuszczany mini

$\varnothing d$ [mm]	l [+0,5/-0] [mm]	 [mm]	Indeks nr	$\varnothing d_k$ [mm]	k [mm]	$\varnothing d$ [+0/-0,14] [mm]	 [Nm]	 [N]	 [N]
M4	10,5	0,5-1,5	21M04V015	7,0 [+0,5/-0,25]	$\leq 0,7$	6,0	4,0	2.840	1.080
	11,5	1,5-2,5	V025	7,0 [+0,5/-0,25]	$\leq 0,7$	6,0	4,0	2.840	1.080
$\varnothing 6,1$	12,5	2,5-3,5	V035	7,0 [+0,5/-0,25]	$\leq 0,7$	6,0	4,0	2.840	1.080
M5	11,0	0,5-1,5	21M05V015	8,0 [+0,5/-0,25]	$\leq 0,7$	7,0	4,5	5.250	1.180
	12,0	1,5-2,5	V025	8,0 [+0,5/-0,25]	$\leq 0,7$	7,0	4,5	5.250	1.180
$\varnothing 7,1$	13,0	2,5-3,5	V035	8,0 [+0,5/-0,25]	$\leq 0,7$	7,0	4,5	5.250	1.180
M6	14,0	1,0-2,5	21M06V025	10,0 [+0,5/-0,25]	$\leq 0,7$	9,0	9,5	9.680	1.960
	15,5	2,5-4,0	V040	10,0 [+0,5/-0,25]	$\leq 0,7$	9,0	9,5	9.680	1.960
$\varnothing 9,1$									
M8	15,5	1,0-2,5	21M08V025	12,0 [+0,5/-0,25]	$\leq 0,7$	11,0	14,0	15.680	2.060
	17,0	2,5-4,0	V040	12,0 [+0,5/-0,25]	$\leq 0,7$	11,0	14,0	15.680	2.060
$\varnothing 11,1$									

Stal
Ocynk



MASTERBOLT (nitotrzpienie) I kołnierz cylindryczny I sześciokątne

Ø d	l [+1,0/-0,5]		Indeks nr	Ø dk	k	Ø d	l ₁	l ₂
[mm]	[mm]	[mm]		[mm]	[mm]	[mm]	[mm]	[mm]
M4	8,0	0,5-2,0	29M042010	8,0	0,5	5,4	3,5	10
	8,0	0,5-2,0	2015	8,0	0,5	5,4	3,5	15
Ø 5,5	8,0	2,0-3,0	3010	8,0	0,5	5,4	4,0	10
	8,0	2,0-3,0	3015	8,0	0,5	5,4	4,0	15
M5	9,0	0,5-2,0	29M052010	9,0	0,8	6,5	4,5	10
	9,0	0,5-2,0	2015	9,0	0,8	6,5	4,5	15
Ø 6,6	10,5	2,0-3,5	3510	9,0	0,8	6,5	4,5	10
	10,5	2,0-3,5	3515	9,0	0,8	6,5	4,5	15
M6	10,0	0,5-2,5	29M062510	10,0	1,0	7,7	5,0	10
	10,0	0,5-2,5	2515	10,0	1,0	7,7	5,0	15
Ø 7,8	11,5	2,5-4,0	4010	10,0	1,0	7,7	5,0	10
	11,5	2,5-4,0	4015	10,0	1,0	7,7	5,0	15
M8	12,5	1,0-3,0	29M083015	12,0	1,5	9,8	7,0	15
	12,5	1,0-3,0	3020	12,0	1,5	9,8	7,0	20
Ø 9,9	15,0	3,0-5,0	5015	12,0	1,5	9,8	7,0	15
	15,0	3,0-5,0	5020	12,0	1,5	9,8	7,0	20

Nitotrzpienie są porównywalne z trzpieniami DIN 8,8

Nitonakrętki neoprenowe

Elastyczne jednostronnie zamykane nitonakrętki neoprenowe MFX są dostępne w różnych długościach i rozmiarach z zakresem łączenia od 0,4 do 64 mm.

Zalety:

- Można zamontować używając zwykłych narzędzi
- Niwelują wibracje z powodu dużej elastyczności
- Odpowiednie zarówno do cienkich jak grubych blach, rur, szkła i sklejek
- Wodoszczelne
- Nie przewodzą prądu elektrycznego
- Można je łatwo zdemontować

Przykłady zastosowania:

- W budownictwie mieszkaniowym do wywietrzników i wentylatorów
- Zmywarki do naczyń, lodówki, itp.
- Mocowanie kłapek w drukarkach
- Reflektory samochodowe
- Klaksy samochodowe
- Czujniki elektroniczne
- Itp.

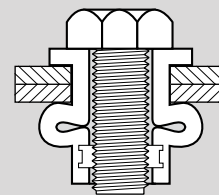
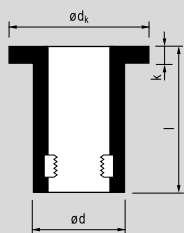
Uwaga:

- Unikać kontaktu ze smarami i rozpuszczalnikami
- Nie używać w temperaturach poniżej -30 stopni i powyżej 30 stopni Celsjusza











Informacja

MFX 25-C0

Neopren
Mosiądz



RUBNUT | otwarte | kołnierz cylindryczny

$\varnothing d$	l		Indeks nr	$\varnothing d_k$	k	$\varnothing d$		Hardness
[mm]	[mm]	[mm]		[mm]	[mm]	[mm]	tightning torque [Nm]	Shore A
M3	12,6	0,4-4,0	25M03C0040	11,0 [+0,5/-0,8]	$\leq 1,4$	7,9	0,25-0,50	60
 \varnothing [8,3 max]								
M4	12,6	0,4-4,0	25M04C0040	11,0 [+0,5/-0,8]	$\leq 1,4$	8,0	0,25-0,50	70
 \varnothing [8,3 max]								
M5	14,1	0,4-4,9	25M05C0049	12,7 [+0,5/-0,8]	$\leq 0,9$	9,6	0,35-0,50	60
	21,5	4,0-11,6	C0116	14,0 [+0,5/-0,8]	$\leq 0,9$	9,6	0,30-0,90	60
\varnothing [9,9 max]	26,1	7,9-16,0	C0163	14,0 [+0,5/-0,8]	$\leq 1,3$	9,6	0,30-0,70	60
	39,8	20,5-30,0	C0300	14,0 [+0,5/-0,8]	$\leq 1,3$	9,6	0,60-1,00	60
M6	16,0	0,4-2,8	25M06C0028	16,0 [+0,5/-0,8]	$\leq 1,3$	12,7	0,60-1,00	60
	21,1	0,8-4,7	C0047	19,1 [+0,5/-0,8]	$\leq 4,8$	12,7	0,80-1,00	70
\varnothing [13,0 max]	26,7	6,4-11,5	C0110	16,3 [+0,5/-0,8]	$\leq 2,0$	12,7	0,80-1,00	70
M8	18,3	0,4-4,0	25M08C0040	22,1 [+0,5/-0,8]	$\leq 3,2$	15,9	1,00-1,50	60
	27,9	3,9-9,5	C0095	22,1 [+0,5/-0,8]	$\leq 5,7$	15,9	1,00-1,60	60
\varnothing [16,2 max]								
M8	50,0	15,0-39,0	25M08C0390	20,0 [+0,5/-0,8]	$\leq 1,6$	18,0	3,00-4,00	60
 \varnothing [18,3 max]								
M10	55,0	19,0-40,0	25M10C0400	22,5 [+0,5/-0,8]	$\leq 1,3$	20,0	4,50-5,50	60
 \varnothing [20,3 max]								
M12	80,0	38,0-64,0	25M12C0640	27,0 [+0,5/-0,8]	$\leq 1,3$	24,0	6,00-7,00	60
 \varnothing [24,3 max]								